Binational Toxics Strategy Activity Time Line

ACTIVITY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2000	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
General Meetings and Activities																	
Stakeholder meetings w/ substance breakout sessions						11/18/99 (Chicago)						5/16/00 (Toronto)					
Integration Group Meetings			8/24/99 (Detroit.)			11/19/99 (Chicago)			2/15/00 (Windsor)			5/17/00 (Toronto)					
IJC Meeting				9/24-27/99 (Milwaukee, WI)													
Quarterly report-outs by work groups		7/5/99			10/5/99			1/5/00			4/5/00			7/5/00			10/5/00
1999 BNS Progress Report						XXX (in draft)						XXX (final)					

Workgroup Specific Activities

Mercury

Step 1 ------ draft step1&2 report to work group ----- ' (10/22/99) Final report to w.group - ' (3/1/00)

Step 2 ---------- ' ---------- '

Step 3 ------ draft step 3 report to work group ---------- ' (3/15/00)

Subitem # 1 ------ MN options paper ---------- ' June '99 - Completed

Step 4 ------ ongoing

Subitem #1 ------ mercury inventories ---------- ' (9/30/99)
from voluntary agreement with NW Indiana steel mills

Subitem #2 ------ mercury reduction plans expected through
NW Indiana steel mill agreement ---------- ' (Jan 1, 00)

Subitem #3 ------ continue to work with the chlor-alkali industry to ---------- '
implement the 50% use reduction project. Second annual progress report from industry received May 1999

Subitem #4 ------ mercury reduction progress through the American Hospital Association MOU ---- ongoing

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Workgroup Specific Activities (cont.)

Mercury (cont.)

Subitem #5 ------- EPA and Purdue to complete education software -------- ' (Dec. 31, 1999)
re: Hg reduction for the construction and demolition industry

PCBs

Step 1 ----- collect EPA data on PCB transformer registration --- (completed)

Step 2 ----- complete draft ---------- ' (Sept. 24, 1999)
PCB Sources and Regulations Report & distribute to work group

Step 3 ----- complete Step #3 ---------- ' (Oct. 31, 1999)
PCB Options Paper

Step 4

Subitem #1 ---------- ' [PCB subgroup call to develop PCB challenge participation and outreach letter to stakeholders] --- completed

Subitem #2 ---------- ' [Complete and begin mailing the participation/outreach letters on PCB challenge to stakeholders]

- letter to U.S. automakers - completed
- Daimler-Chrysler and Ford accepted challenge to eliminate or significantly reduce PCBs from their auto plants
- letter to steel companies - Sept. 24, 1999

Subitem #3 ------ PCB phasedown progress through the PCB Phasedown Program with U.S. EPA Region 5 utilities --- ongoing

Dioxins/Furans

Step 1

Subitem #1 ----- complete inventory ---- ' [Canadian Dioxin/Furan inventory -- complete]

Subitem #2 ----- complete U.S. Dioxin/Furan inventory ---------- ' (Dec. 31, 1999)

Subitem #3 ----- complete Canadian Level of Quantification Protocol ---------- ' (May 2000)
now being undertaken in parallel with the Canada-wide Standards process to be completed May 2000

Subitem #4 ----- begin discussions with Canadian Iron & Steel facilities --- ' [to discuss stack testing for dioxins/furans] completed

Subitem #5 ----- three Canadian Iron and Steel facilities ---------- ' (March 31, 2000)
(electric arc furnaces) will test for dioxins and furans; to be completed by

Subitem #6 ----- gather additional from addition of dioxin testing to the TRI (currently in draft status) ----- 1st report due July 2001

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Workgroup Specific Activities (cont.)

Dioxins/Furans (cont.)

Subitem #7 ----- track progress with the addition of dioxins ---------- ' (Dec 31, 1999)
and furans reporting to NPRI

Step 2

Subitem #1 ----- evaluation of U.S. regulations ---------- ' (Dec 31, 1999)
and programs regulating dioxins

Subitem #2 ----- develop matrix of Canadian/U.S. ---------- ' (Nov.15, 1999)
regulations and programs

Step 3

Subitem #1 ----- identification --- ' [CGLI to provide a list of sector contacts with which to explore reductions opportunities and projects]
of contacts

Subitem #2 ----- finalize dioxin “decision tree” ---------- ' (Nov.15, 1999)

Subitem #3 ----- form subgroups ---------- ' (Dec. 15, 1999) [as needed, to examine potential reduction opportunities identified through the decision tree process]

Subitem #4 ----- select contacts for reduction projects from ---------- ' (Dec.15, 1999)
CGLI contacts list/decision tree process efforts

Subitem #5 ----- track progress on the Strategic Options and Canada Wide Standards Process for municipal combustion, electric arc furnaces, sinter plants, and woodstoves (final CWS due by June 2000) – ongoing

Pesticides

Step 1 -------- draft U.S. step 1&2 report ----- ' Sept. 30, 1999 for peer review

Step 2 ---------final challenge report due ---------- ' (November 30, 1999)

Step 3 ---------ongoing

Subitem #1 ---------draft Options report due ---------- ' (October 30, 1999)

Step 4

Subitem #1 --------- Pesticide Collection Efforts -ongoing

Subitem #2 --------- Superfund Clean-ups -ongoing

Subitem #3 --------- Provide information to international groups (e.g. POPs, IADN, NAFTA) - ongoing

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Workgroup Specific Activities (cont.)

Pesticides (cont.)

Subitem #4 --------- potential project resulting from South Haven, MI study (to be concluded mid-year 2000 ---------- '

Other

evaluate level II pesticides --------- potential for BNS work, pollution prevention & sound management practices

HCB / B(a)P

Step 1

Subitem #1 --------- resolve HCB emission ---------- ' (October '99)
info. on utility coal combustion
and tire mfg.

Step 2

Subitem #1 --------- assess impact of proposed ---------- ' (October '99)
refinery MACT on FCCU (B(a)P

Subitem #2 --------- assess B(a)P control from Yr. 2000 requirements expected for coke oven pushing, quenching, and combustion stacks (completed)

Step 3

Subitem #1 --------- contribute in development of rubber tire MACT for HCB control - (June 2000) ---------- '

Subitem #2 --------- projects re: to B(a)P control from Yr. 2000 requirements expected for coke oven pushing, quenching, and combustion stacks

Subitem #3 --------- pursue regulatory / outreach programs with wood stove associations

Step 4

Subitem #1 --------- HCB emission reduction measures being implemented (by pesticide and chlorinated solvent mfg. and pesticide applicators)

Subitem #2 --------- B(a)P emission reductions measures implemented from coke oven doors, lids, offtakes, and charging operations

ACTIVITY

	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Workgroup Specific Activities (cont.)								**2000**									

Alkyl - Lead

Step 1 --------- Draft Report on steps ---------- ' (Nov. 30, 1999)
1, 2 & 3 to work group
(U.S.)
Step 2 --------- Final Report on steps 1, 2 & 3 ---------- ' (March 1, 2000)
(U.S.)
Step 1 --------- EC Report on ---------- '
(E.C.) steps 1&2 [Canadian report will confirm sources, uses, and releases in Ontario] - Completed
Step 2 ---------- '
(E.C.)

OCS

Step 1

Subitem #1 ------- U.S. final Challenge Report due ---------- ' (Jan. 31, 2000)

Subitem #2 ------- E.C. OCS source ------- ' [E.C. information search to identify OCS source categories for Canada's OCS inventory to be completed]
identification work -- complete

Subitem #3 ------- report -- ' [Industry report on OCS in the Great Lakes Basin] – completed

Subitem #4 ------- Trend Analysis ---------- ' [Ontario Ministry of Environment report examining OCS level trends in fish within the Great Lakes Basin]
Expected – completed

Subitem #5 ------- data generated and collected from OCS atmospheric monitoring at 4 monitoring stations in Ontario -- ongoing

Subitem #6 ------- review of U.S chloralkali industry practices [examination of the prevalence of graphite anode usage and the possibility of OCS formation in decomposer units

Subitem #7 ------- effort underway to explore the possibility of including OCS in the IADN atmospheric monitoring program

Subitem #8 ------- support analysis of sediment cores for OCS in several of the Great Lakes to understand temporal trends and geographic dispersion of OCS

Subitem #9 ------- OCS included as a parameter for the U.S. National Fish Survey

Step 2

Step 3

Subitem #1 ------- workgroup examining the possibility of linking OCS data needs with data collection efforts for HCB and dioxins